

**What is claimed is:**

1. A wound dressing and/or compress comprising a skin facing layer of a spunbond and at least one layer of a staple fiber nonwoven disposed on said spunbond, wherein the layers are nondetachably bonded together by ultrasonic welding.
2. The wound dressing and/or compress of claim 1, wherein said spunbond and said staple fiber nonwoven consist of polypropylene.
3. The wound dressing and/or compress of claims 1 and 2, wherein said staple fiber nonwoven has a basis weight of 15 to 35 g/m<sup>2</sup> and/or the spunbond has a basis weight of 8 to 25 g/m<sup>2</sup>.
4. The wound dressing and/or compress of any of claims 1 to 3, wherein the backing material includes up to five layers of said staple fiber nonwoven.
5. The wound dressing and/or compress of any of claims 1 to 4, wherein said spunbond is doped with active substances and/or finished with bactericidal and/or fungicidal substances and/or microencapsulated cosmetically active substances.
6. The wound dressing and/or compress of any of claims 1 to 5, wherein the spunbonds have had added to them high strength fibers, folded yarns, folded union yarns or threads having an ultimate tensile stress strength of at least 60 cN/tex.
7. A process for producing a wound dressing and/or compress as claimed in claim 7, which comprises spacing the weld points apart in the longitudinal and transverse directions at a distance between 2 and 5 mm, especially 3 mm to 4 mm.
8. A wound dressing and/or compress comprising a skin facing layer of a perforated film and at least one layer of a nonwoven disposed on said perforated film, wherein the layers are nondetachably bonded together by ultrasonic welding.

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9. The wound dressing and/or compress of claim 8, wherein said film consists of polypropylene.

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10. ~~The wound dressing and/or compress of claims 8 and 9, wherein said nonwoven has disposed on it at least one layer of a spunbond, the layers being nondetachably bonded together.~~

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